

DNAxPAb

Hard-to-Find
Antibody

ACYP2 DNAxPAb

Catalog # H00000098-W01P

Size 200 ug

Specification

Product Description	Rabbit polyclonal antibody raised against a full-length human ACYP2 DNA using DNAx™ Immune technology.
Technology	DNAx™ Immune
Immunogen	Full-length human DNA
Sequence	MSTAQSLKSVDYEVFGRVQGVCFRMYTEDEARKIGVVGVKNTSKGTVTGQVQGPEDKVNSMK SWLSKVGSPSSRIDRTNFSNEKTISKLEYSNFSIRY
Host	Rabbit
Reactivity	Human
Interspecies Antigen Sequence	Mouse (84); Rat (88)
Purification	Protein A
Quality Control Testing	Antibody reactive against mammalian transfected lysate.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Transfected lysate)

[Protocol Download](#)

- Immunofluorescence (Transfected cell)
- Flow Cytometry (Transfected cell)

Gene Info — ACYP2

Entrez GeneID [98](#)

GeneBank Accession# [NM_138448.2](#)

Protein Accession# [NP_612457.1](#)

Gene Name ACYP2

Gene Alias ACYM, ACYP

Gene Description acylphosphatase 2, muscle type

Omim ID [102595](#)

Gene Ontology [Hyperlink](#)

Gene Summary Acylphosphatase can hydrolyze the phosphoenzyme intermediate of different membrane pumps, particularly the $\text{Ca}^{2+}/\text{Mg}^{2+}$ -ATPase from sarcoplasmic reticulum of skeletal muscle. Two isoenzymes have been isolated, called muscle acylphosphatase and erythrocyte acylphosphatase on the basis of their tissue localization. This gene encodes the muscle-type isoform (MT). An increase of the MT isoform is associated with muscle differentiation. [provided by RefSeq]

Other Designations acylphosphate phosphohydrolase|muscle-type acylphosphatase 2

Pathway

- [Benzoate degradation via CoA ligation](#)
- [Pyruvate metabolism](#)

Disease

- [Carcinoma](#)
- [Cerebral Hemorrhage](#)
- [Esophageal Neoplasms](#)
- [Genetic Predisposition to Disease](#)
- [Hypertension](#)

- [Intracranial Hemorrhages](#)
- [Stroke](#)
- [Subarachnoid Hemorrhage](#)
- [Tobacco Use Disorder](#)